

### **Abstract**

[0027] A screening system designed to provide separation of multiple fractions of New Screens Fines. News Screens Fines (“NSF”) contain a mix of compressed, unmarketable recyclables that are generally less than four inches in size created as a by-product of current Material Recovery Facility (MRF) plant designs used to process single-stream recyclables. The NSF separation system uses a series of primary and secondary classification apparatus to separate materials into marketable products that meet legislative requirements. A series of screens, conveyors and air moving systems are designed to separate waste from fractions of glass, plastic and ferrous metals that can be sold.